

IN THE CLAIMS

Please cancel claims 14 and 21 without prejudice, and amend claims 1-4, 7-9, 13, 15-16 and 19-20, and add claims 22-23 as follows:

- 1           1. (Currently Amended) A system for increasing the brightness  
2 of a first portion of an LCD device for displaying a video signal,  
3 the system comprising:  
4               a signal-generating unit for supplying the video signal  
5 and control information, and  
6               ~~an LCD unit having an LCD device for displaying the video~~  
7 ~~signal, and a lighting unit for increasing an amount of light~~  
8 illuminating the LCD device in response to the control information,  
9 and  
10              video amplitude-modifying means for decreasing an  
11 amplitude of the video signal ~~outside the~~ displayed on a second  
12 portion of the LCD device in response to the control information.

1           2. (Currently Amended) A system as claimed in claim 1,  
2     ~~wherein~~further comprising:  
3                 ~~the an~~ LCD unit having the LCD device, the LCD unit  
4     ~~comprising~~comprises a video-processing circuit for receiving the  
5     video signal to supply a display video signal to the LCD device,  
6                 the signal-generating unit comprising:  
7                 a video adapter for supplying the video signal, and  
8                 a control unit for generating the control information.

1           3. (Currently Amended) A system as claimed in claim 2, wherein  
2     the amplitude-modifying means is adapted to decrease the amplitude  
3     of the display video signal ~~outside~~displayed on the second portion  
4     of the LCD device so that the light output and colorimetry of the  
5     display video signal ~~not belonging to~~displayed on the second  
6     portion of the LCD device is kept substantially constant.

1           4. (Currently Amended) A system as claimed in claim 3, wherein  
2     the amplitude-modifying means is adapted to decrease the amplitude  
3     of the display video signal ~~outside~~displayed on the second portion  
4     of the LCD device so that also a color of the display video signal

5 ~~not belonging to~~ displayed on the second portion of the LCD device  
6 is kept substantially constant.

1        5. (Previously Presented) A system as claimed in claim 2,  
2 wherein the amplitude-modifying means comprise a controllable  
3 amplifier for receiving the video signal to control an amplitude of  
4 the video signal in response to the control information.

1        6. (Previously Presented) A system as claimed in claim 2,  
2 wherein the amplitude-modifying means comprise a memory in which a  
3 look-up table is stored for use in changing an amplitude of the  
4 video signal in response to the control information.

1        7. (Currently Amended) A system as claimed in claim 2, wherein  
2 the video adapter comprises the amplitude-modifying means for  
3 receiving video data from the video adapter to control an amplitude  
4 of the video data in response to the control information to obtain  
5 a first amplitude for the video signal having an amplitude for a  
6 part not corresponding to displayed on the second portion of the  
7 LCD device, wherein the first amplitude ~~which is smaller than an~~

8 second amplitude of a part corresponding to the the video signal  
9 displayed on the first portion of the LCD device.

1 8. (Currently Amended) A system for increasing the brightness  
2 of a first portion of an LCD device for displaying a video signal,  
3 the system comprising:

4 a signal-generating unit having a video adapter for supplying  
5 the video signal and having a control unit for generating control  
6 information;

7 ~~an LCD unit having an LCD device for displaying the video~~  
8 ~~signal, and a lighting unit for increasing an amount of light~~  
9 ~~illuminating the LCD device in response to the control information;~~  
10 and

11 video amplitude-modifying means for decreasing an amplitude of  
12 the video signal ~~outside the~~ displayed on a second portion of the  
13 LCD device in response to the control information, wherein the  
14 video adapter comprises a video memory, and the control unit  
15 comprises a calculating unit suitably programmed to write adapted  
16 video data into the video memory to obtain the video signal ~~having~~  
17 displayed on the second portion of the LCD device with an amplitude

18 ~~for a part not corresponding to the portion~~ which is smaller than  
19 an amplitude of a ~~part corresponding to the~~ video signal displayed  
20 on the first portion.

1 9. (Currently Amended) A system for increasing the brightness  
2 of a first portion of an LCD device for displaying a video signal,  
3 the system comprising:

4 a signal-generating unit having a video adapter for supplying  
5 the video signal and having a control unit for generating control  
6 information;

7 ~~an LCD unit having an LCD device for displaying the video~~  
8 ~~signal, and a lighting unit for increasing an amount of light~~  
9 illuminating the LCD device in response to the control information;  
10 and

11 video amplitude-modifying means for decreasing an amplitude of  
12 the video signal ~~outside the~~ displayed on a second portion of the  
13 LCD device in response to the control information, wherein the  
14 signal-generating unit further comprises an input device for  
15 receiving user input, the control unit being suitably programmed to  
16 generate the control information in response to the user input

17    indicating a predetermined amount by which the light output of the  
18    lighting unit has to be increased.

1            10. (Previously Presented) A system as claimed in claim 2,  
2    wherein the signal-generating unit comprises an encoder for  
3    supplying the control information as a coded message, and the LCD  
4    unit comprises a decoder for decoding the message to obtain a  
5    control signal supplied to the lighting unit to increase its light  
6    output.

1            11. (Previously Presented) A system as claimed in claim 10,  
2    wherein the encoder comprises a video encoder for coding the coded  
3    message in the video or synchronizing signal.

1            12. (Previously Presented) A system as claimed in claim 10,  
2    wherein the coded message indicates an amount by which the light  
3    output of the lighting unit has to be increased.

1            13. (Currently Amended) A computer comprising:  
2            an interface for connecting an LCD unit,

3       a video adapter for supplying a video signal to the interface  
4       for display on a first portion of the LCD unit,

5       a brightness control unit for supplying control information to  
6       the interface, the control information indicating to a lighting  
7       unit of the LCD unit that an increase of its light output is  
8       requested, and

9       video amplitude-modifying means for decreasing an amplitude of  
10      the video signal ~~outside the~~ displayed on a second portion of the  
11      LCD unit in response to the control information, so that said first  
12      portion is brighter than said second portion.

Claim 14 (Canceled)

1       15. (Currently Amended) An LCD monitor comprising:

2             an interface for receiving a video signal and control  
3       information from a computer,

4             an LCD device for displaying the video signal, said  
5       control information including data for increasing brightness of a  
6       first part of the LCD device,

7           a lighting unit for receiving the control information to  
8   increase an amount of light illuminating the LCD device, and  
9           a video amplitude-modifying means for decreasing an  
10   amplitude of the video signal ~~outside~~ displayed on a second part of  
11   ~~the video signal where the brightness has to be increased as~~  
12   ~~indicated by the control information~~ LCD device so that the first  
13   part of the LCD device is brighter than the second part.

1           16. (Currently Amended) A method of increasing the brightness  
2   of a first portion of an LCD device for displaying a video signal,  
3   the method comprising: ~~the steps of~~  
4           supplying the video signal and control information, and  
5           displaying the video signal on an LCD device, and  
6   increasing an amount of light illuminating the LCD device in  
7   response to the control information,  
8           decreasing an amplitude of the video signal ~~outside the~~  
9   displayed on a second portion of the LCD device in response to the  
10   control information.

1           17. (Previously Presented) A display comprising:



2        an illuminator configured to provide illumination to  
3        illuminate said display;

4        a generator configured to provide a first video signal for  
5        display on a first portion of said display, and a second video  
6        signal for display on a second portion of said display, said second  
7        portion including parts of said display outside said first portion;  
8        and

9        a controller configured to increase brightness of said first  
10       portion by increasing said illumination and decreasing an amplitude  
11       of said second video signal.

1       18. (Previously Presented) A method of increasing brightness  
2       of a first portion of a display comprising:

3       providing illumination to illuminate said display;

4       providing a first video signal for display on said first  
5       portion of said display;

6       providing a second video signal for display on a second  
7       portion of said display, said second portion including parts of  
8       said display outside said first portion;

9       increasing said illumination; and

10        decreasing an amplitude of said second video signal.

1        19. (Currently Amended) A display comprising:  
2        an illuminator configured to provide illumination to  
3        illuminate said display;  
4        a generator configured to provide a video signal for display  
5        on said display; and  
6        a controller configured to increase brightness of a portion of  
7        said video signal display by increasing said illumination provided  
8        by said illuminator and decreasing an amplitude of said video  
9        signal displayed outside said portion of said display.

1        20. (Currently Amended) A method of increasing brightness of a  
2        portion of a display comprising:  
3        providing illumination from an illuminator to illuminate said  
4        display;  
5        providing a video signal for display on said display;  
6        increasing said illumination of said illuminator; and  
7        decreasing an amplitude of said video signal outside said  
8        portion.

Claim 21 (Canceled)

1        22.(new) A display device comprising a controller configured  
2 to increase illumination of said display device, and to decrease an  
3 amplitude of a video signal displayed on an area outside a portion  
4 of said display device so that a brightness of said portion is  
5 greater than a brightness of said area.

1        23.(New) A display device comprising means for increasing  
2 brightness of a first part of the display device, said means  
3 including:  
4        means for providing illumination to illuminate said display;  
5        means for providing a video signal for display on said  
6 display;  
7        means for increasing said illumination; and  
8        means for decreasing an amplitude of said video signal  
9 displayed on a second part of said display device so that said  
10 first part is brighter than said second part.